



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh) and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Sunday, September 10, 2017

Issued: 0800 CT

**Day 1 Hazards:** Major Flooding continues across SE TX/SW LA.

**National Weather Service**

*Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX*



**Prepared by: Kurt Van Speybroeck  
682-703-3747**

# Key Points



## Today - Thursday

- Moderate river flooding continues across portions of SE TX/SW LA.
  - All rivers/water levels continue to recede.
- No significant weather impacts expected.

## Tropical Weather Outlook

- Hurricane Irma is a Category 4 storm located 40 miles SE of Key West, FL moving NW at 8 mph. No impacts to Region 6.
- Hurricane Jose is a Category 4 storm located 200 miles NNW of the northern Leeward Islands moving NW at 16 mph. No impacts to FEMA Region 6.
- A tropical wave was located a few hundred miles south of the Cabo Verde Islands. Development into a tropical depression/storm is possible in the next 5 days.
  - Formation chances in the next 2 days...low...30%
  - Formation chances in the next 5 days...medium...60%.

# FEMA Region 6 Threat Matrix

Sep 10, 2017 - Sep 14, 2017

	SUN	MON	TUE	WED	THU
Severe Weather					
Heavy Rain / Flash Flooding					
Heat					
River Flooding	SE TX/SW LA	SE TX/SW LA	SE TX/SW LA	SE TX/SW LA	SE TX/SW LA
Tropical Weather					

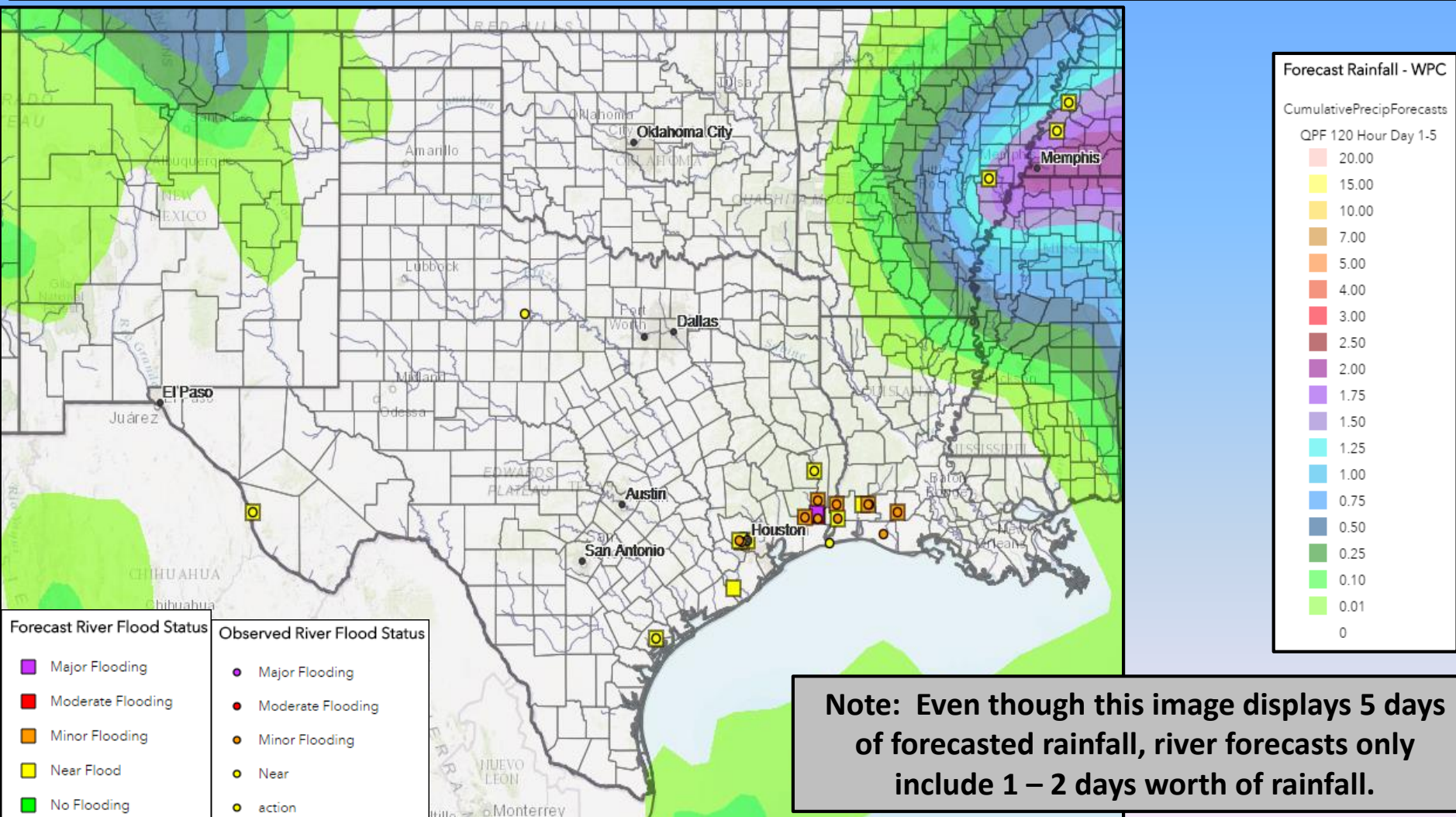
	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



# 5-Day Precipitation Forecast & River Flood Status

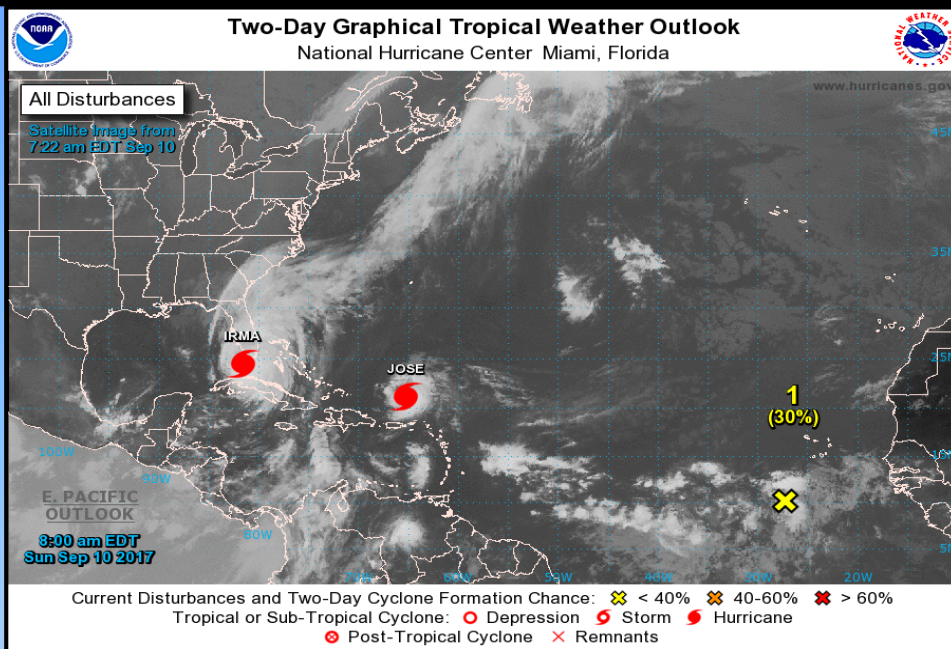
**Moderate to minor river flooding continues across parts of SE TX and SW LA.  
Rivers have crested and will continue to recede.**



For the latest on river flooding: <http://water.weather.gov/ahps>



# Tropical Weather Outlook

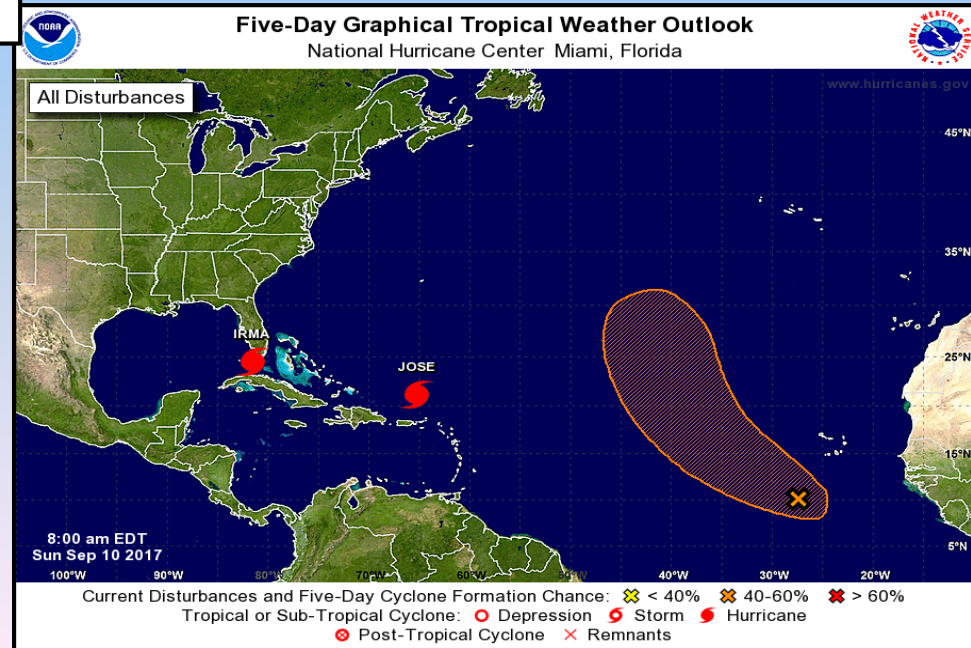


## Major Hurricane Irma (Category 4)

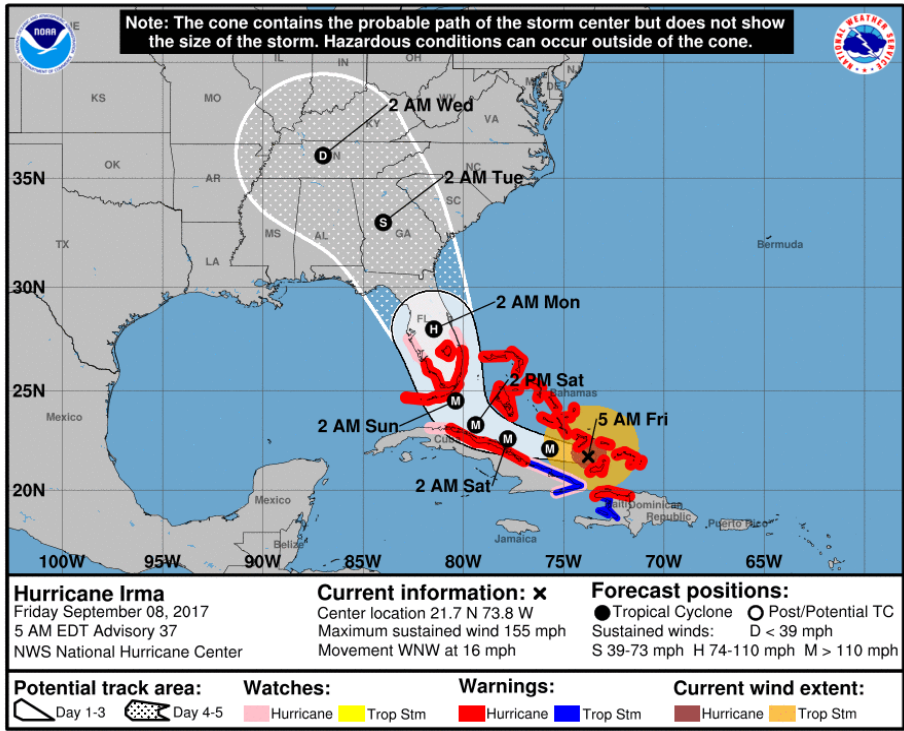
- 40 miles SE of Key West, FL moving NW at 8 mph.
- Maximum sustained winds are 130 mph.

1. Hurricane Jose is located about 200 miles NNW of the northern Leeward Islands moving to the NW at 16 mph. No impacts to FEMA IV through Monday.

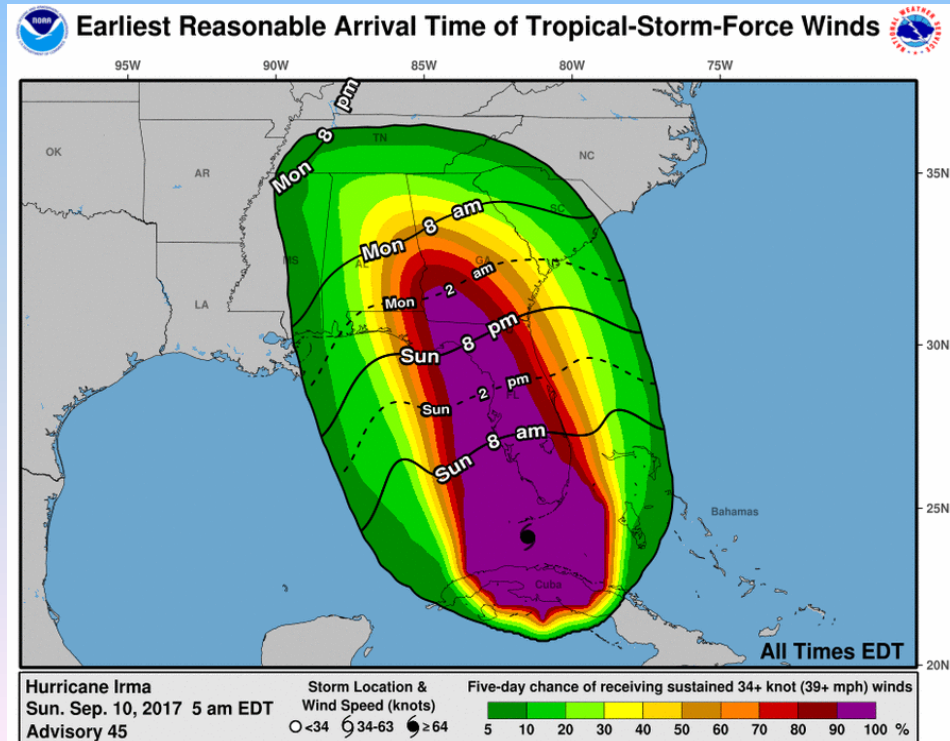
2. A tropical wave is a few hundred miles south of the Cabo Verde Islands. Development into a tropical depression/storm is possible this week. There is a low chance...30% of tropical development in 2 days...medium...60% in 5 days.



# Hurricane Irma

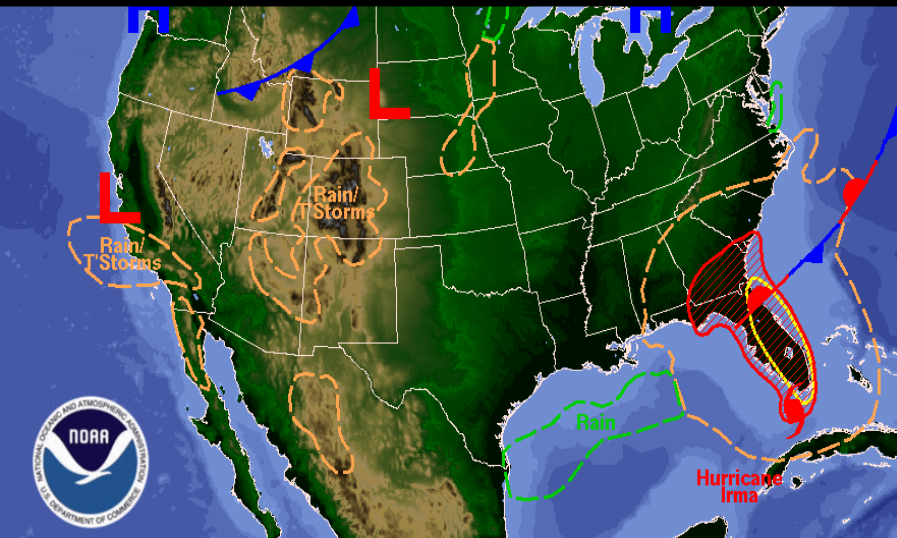


**Major hurricane Irma**  
 Continues moving NW at 8 mph along the northern coast of Cuba. Landfall is likely in the FL Keys this morning...and then along the FL coast this evening.

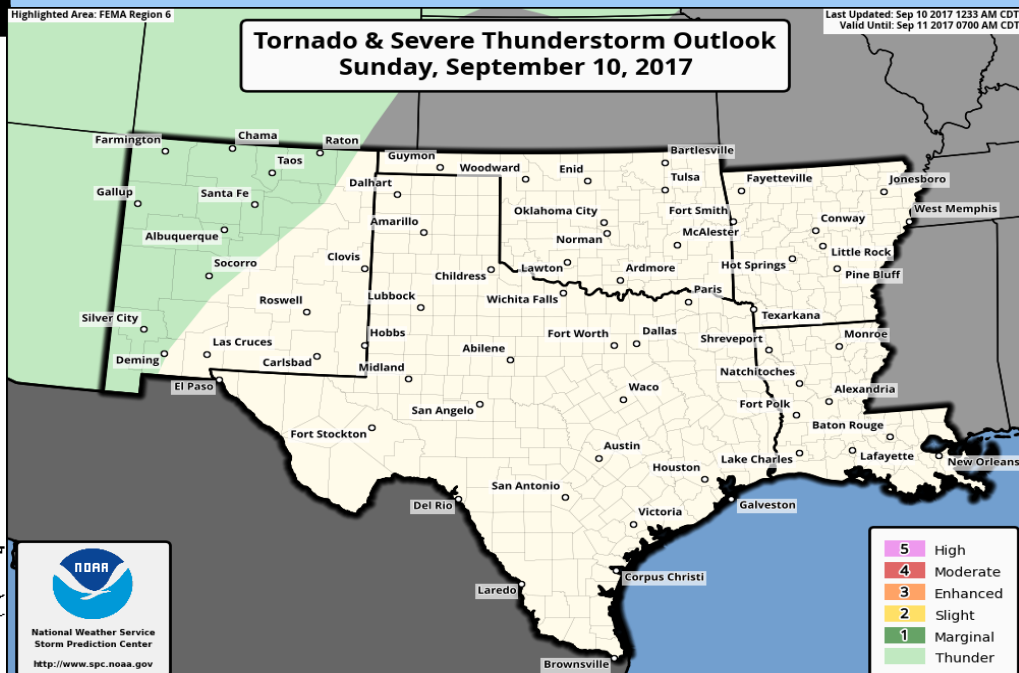
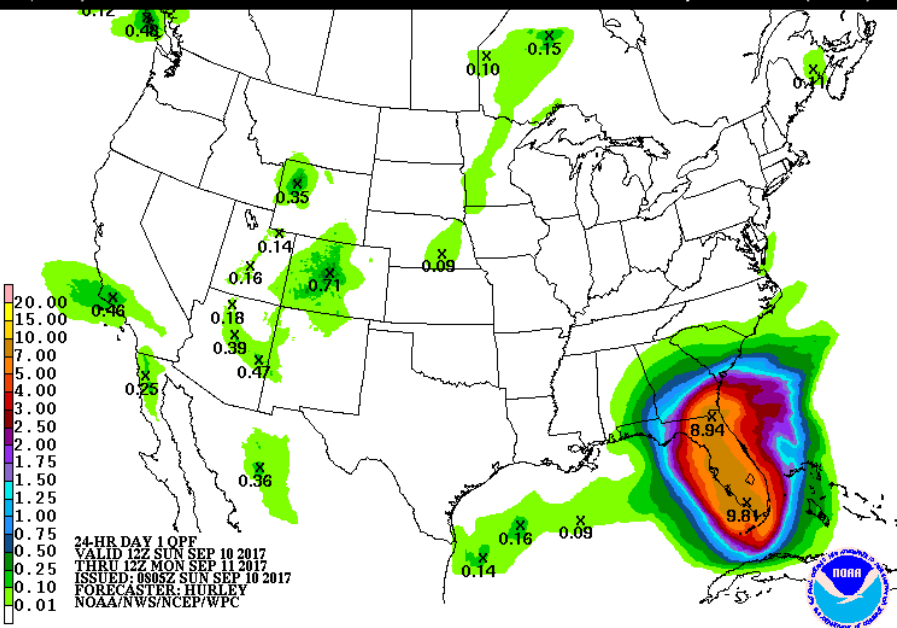


**Major hurricane Irma**  
 Current max winds are 130 mph with central pressure of 928 mb. Hurricane force winds continue to impact S FL/FL Keys.

# Today's Weather

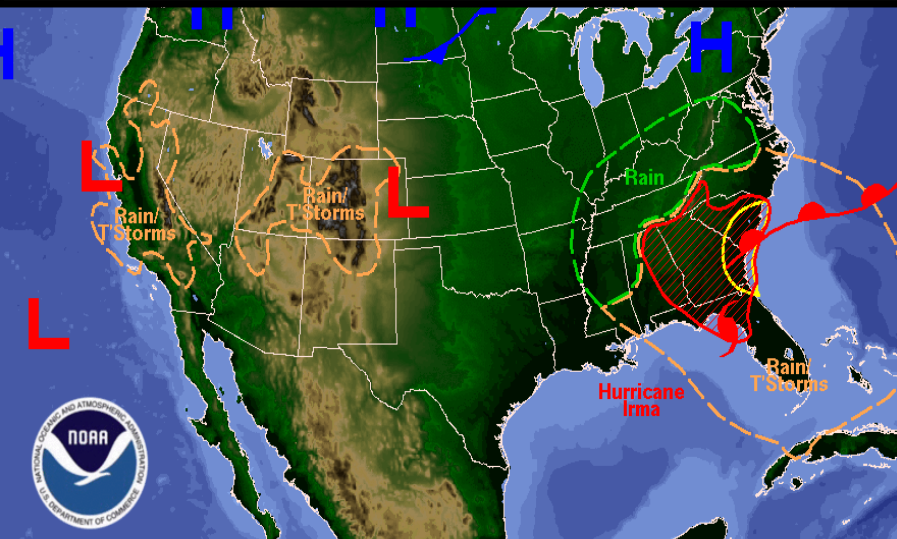


**Moderate/minor flooding continues across SE TX/SW LA.**





# Tomorrow's Weather

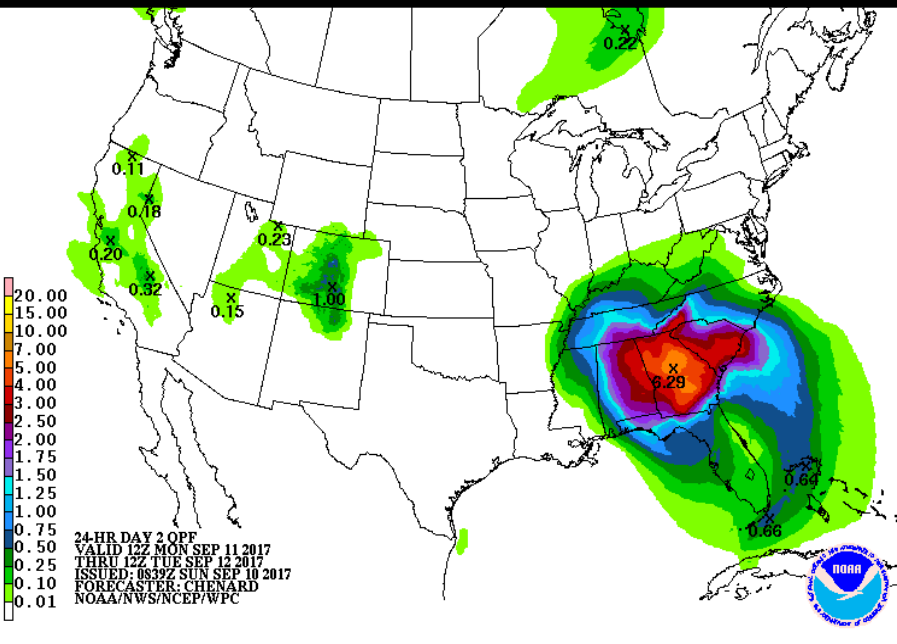


**Day 2 National Forecast Chart**

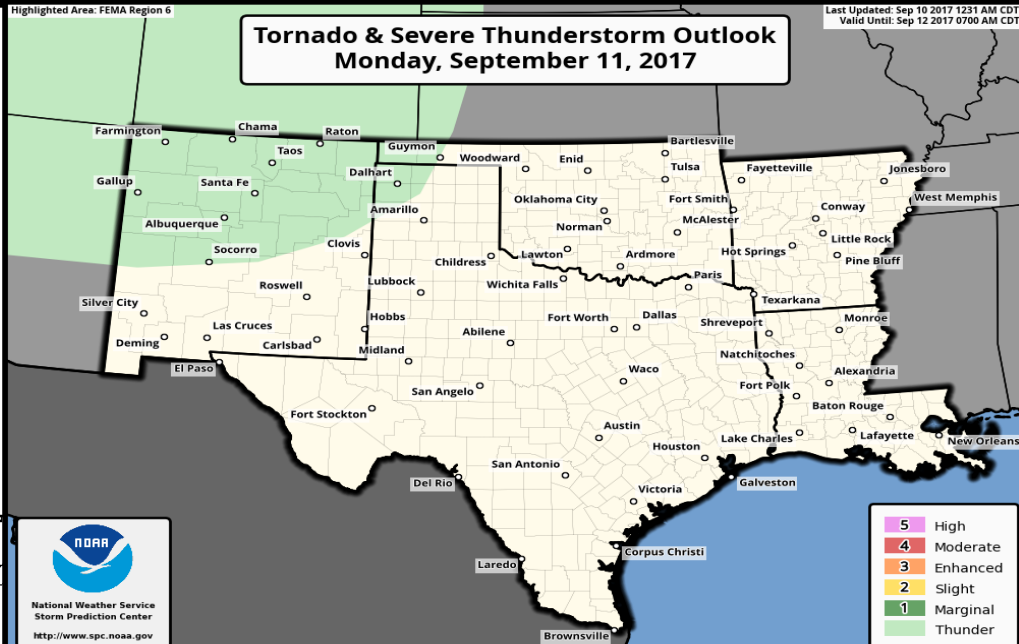
Valid Mon, Sep 11, 2017, issued 4:51 AM EDT Sun, Sep 10, 2017  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by Tate with WPC/SPC/NHC forecasts

Rain  
 Rain and T'Storms  
 Rain and Snow  
 Snow  
 Flash Flooding Possible (hatched)  
 Severe T'Storms Possible (hatched)  
 Freezing Rain Possible (hatched)  
 Heavy Snow Possible (hatched)

**Moderate flooding continues across SE TX/SW LA.**



24-HR DAY 2 QPF  
 VALID 12Z MON SEP 11 2017  
 THRU 12Z TUE SEP 12 2017  
 ISSUED: 0639Z SUN SEP 10 2017  
 FORECASTER: CHENARD  
 NOAA/NWS/NCEP/WPC



**Tornado & Severe Thunderstorm Outlook  
 Monday, September 11, 2017**

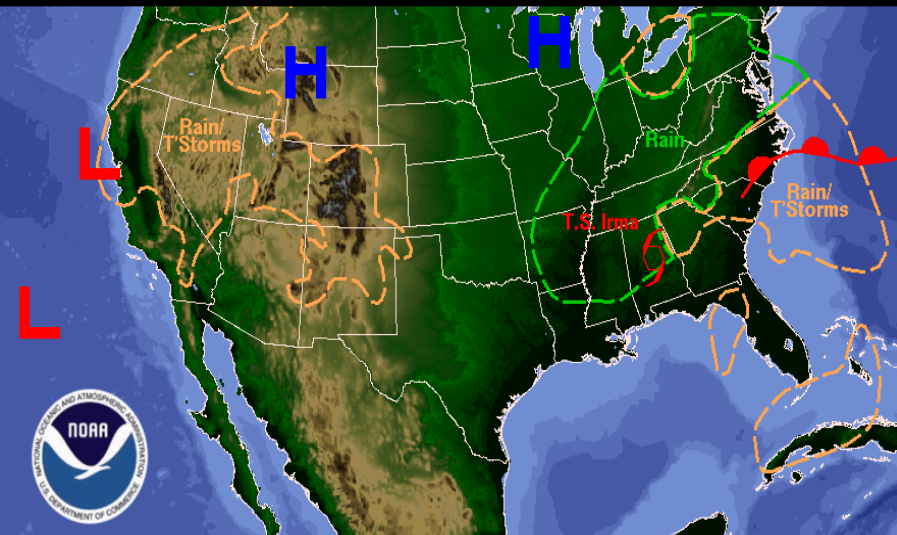
Last Updated: Sep 10 2017 1231 AM CDT  
 Valid Until: Sep 12 2017 0700 AM CDT

NOAA  
 National Weather Service  
 Storm Prediction Center  
<http://www.spc.noaa.gov>

5 High  
 4 Moderate  
 3 Enhanced  
 2 Slight  
 1 Marginal  
 Thunder



# Tuesday's Weather

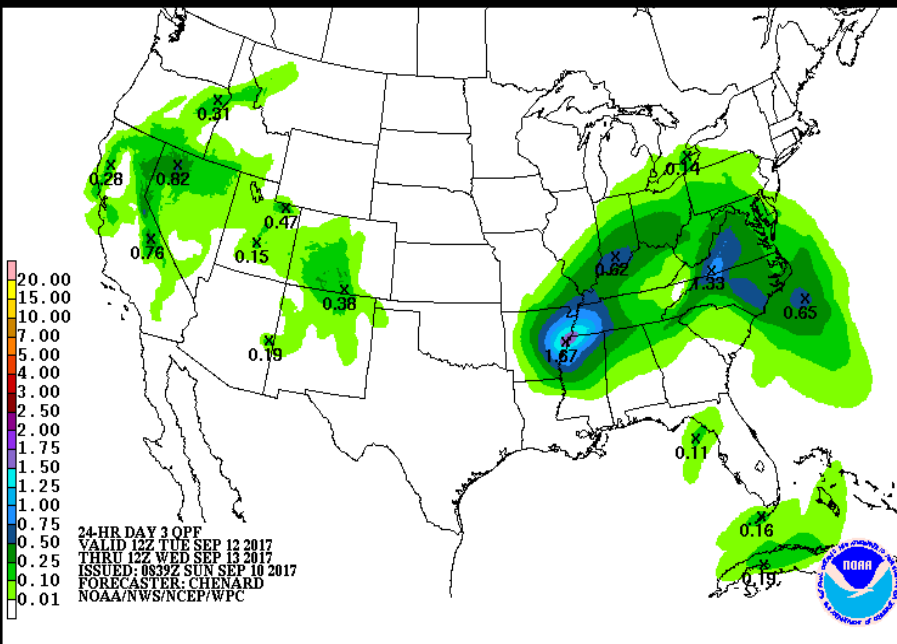


**Day 3 National Forecast Chart**

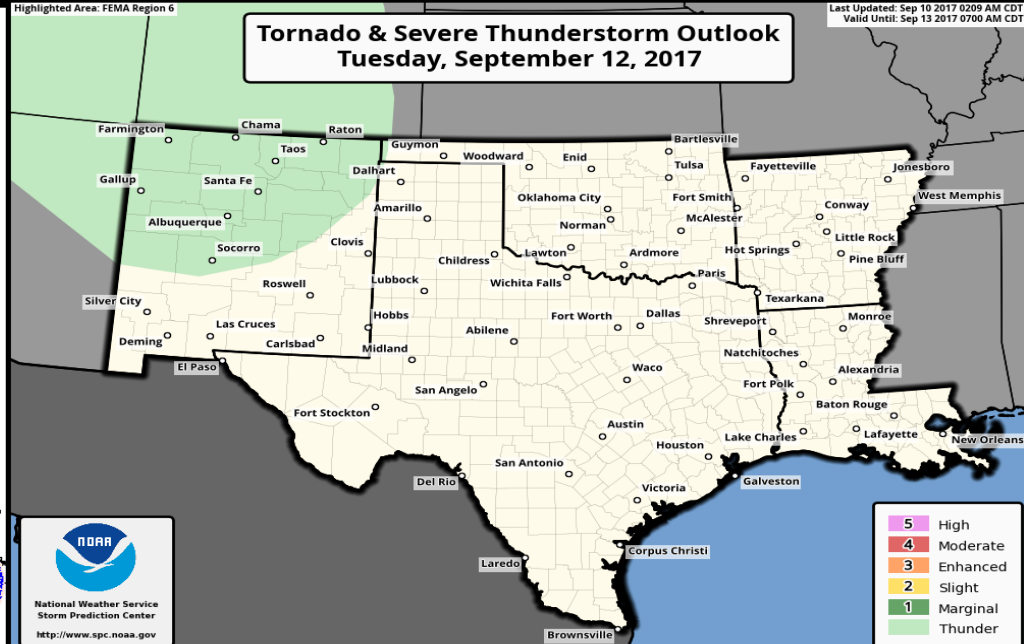
Valid Tue, Sep 12, 2017, issued 4:54 AM EDT Sun, Sep 10, 2017  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by Tate with WPC/SPC/NHC forecasts

Rain  
 Rain and T'Storms  
 Rain and Snow  
 Snow  
 Flash Flooding Possible (hatched)  
 Severe T'Storms Possible (hatched)  
 Freezing Rain Possible (hatched)  
 Heavy Snow Possible (hatched)

**Moderate flooding continues across SE TX/SW LA.**



24-HR DAY 3 QPF  
 VALID 12Z FRI SEP 12 2017  
 THRU 12Z WED SEP 13 2017  
 ISSUED: 0839Z SUN SEP 10 2017  
 FORECASTER: CHENARD  
 NOAA/NWS/NCEP/WPC



**Tornado & Severe Thunderstorm Outlook  
 Tuesday, September 12, 2017**

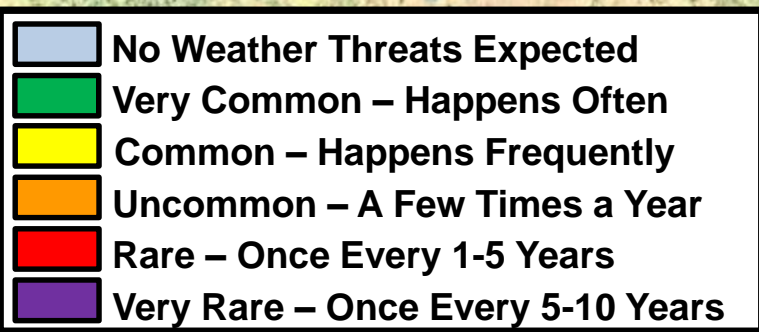
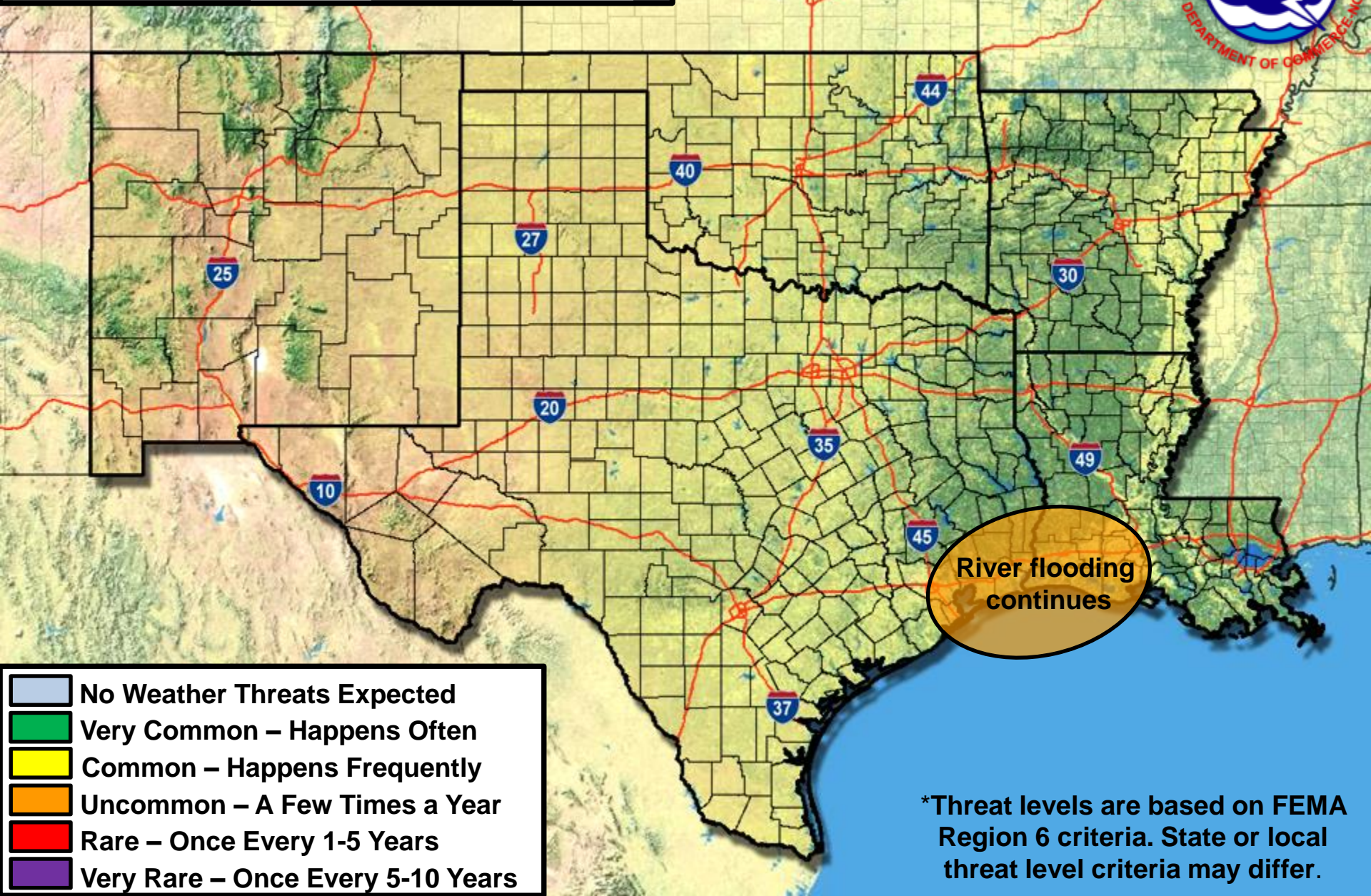
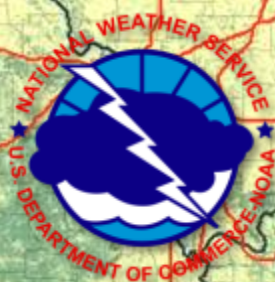
Last Updated: Sep 10 2017 0209 AM CDT  
 Valid Until: Sep 13 2017 0700 AM CDT

NOAA  
 National Weather Service  
 Storm Prediction Center  
<http://www.spc.noaa.gov>



# Day 4-5 Weather Hazards

Valid: 0800 Wed - 0800 Fri



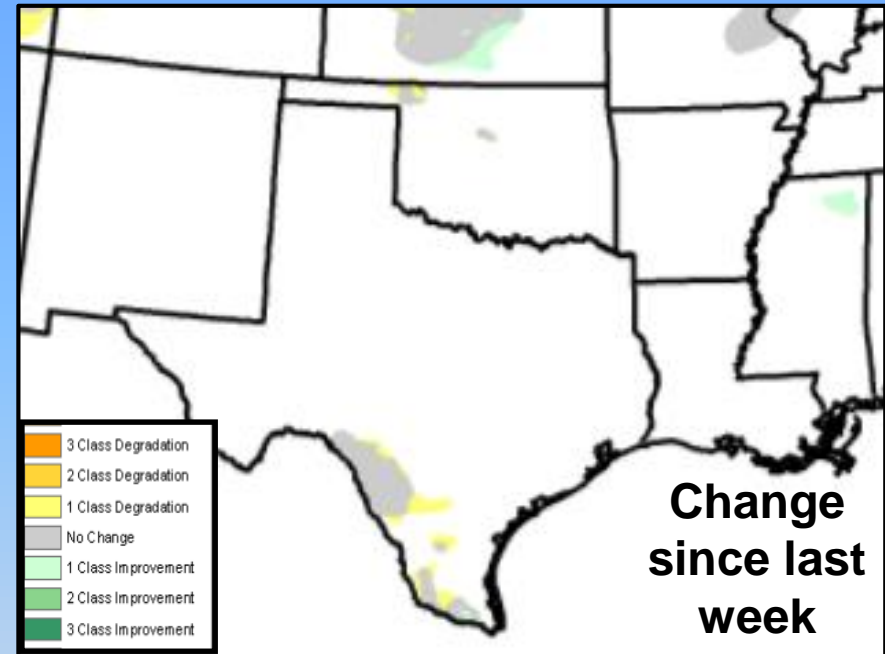
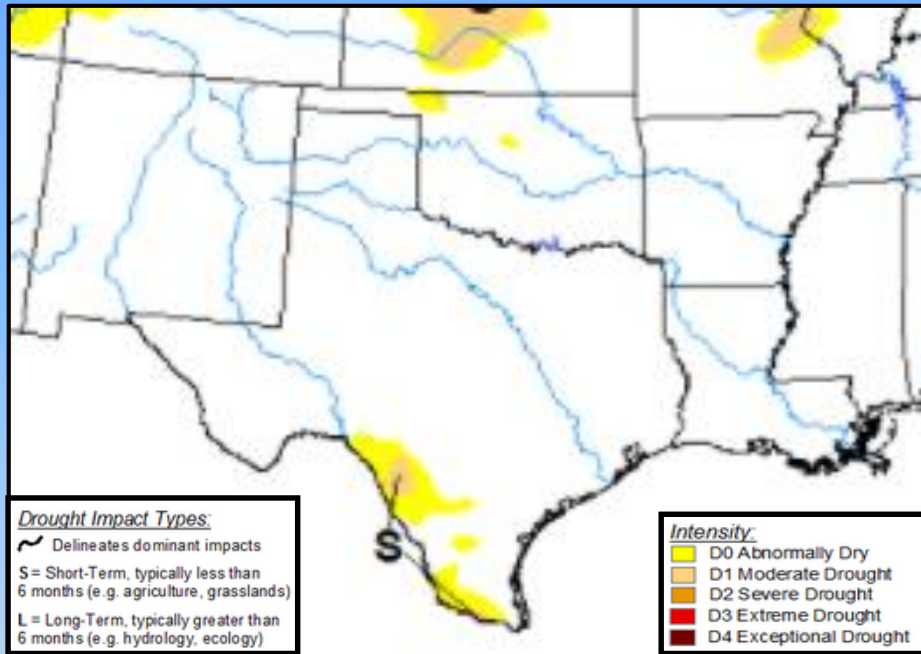
\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.





# Drought Monitor Released 7 September, 2017

Data valid as of 7am CDT, Tuesday, September 5, 2017

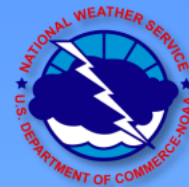


Change  
since last  
week

## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.00%
Arkansas	0.00%	0.00%	0.00%	0.00%
Texas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%
New Mexico	0.00%	0.00%	0.00%	0.00%

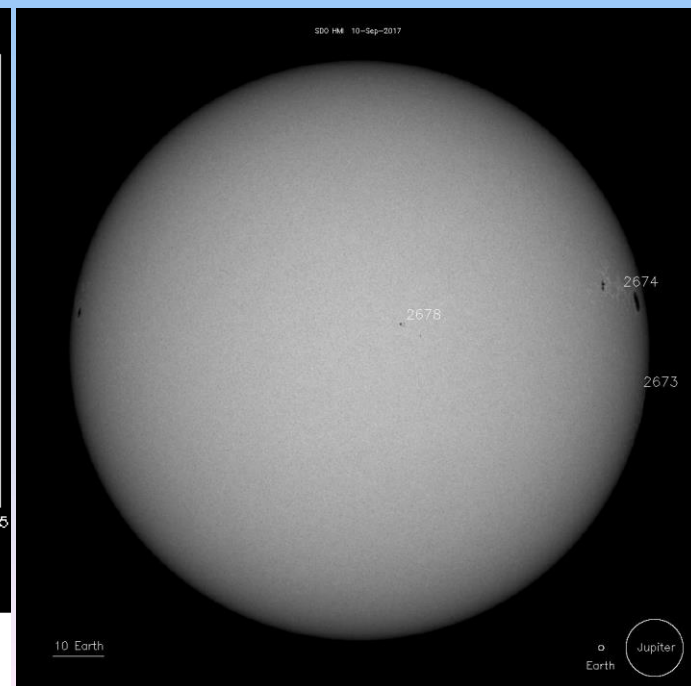
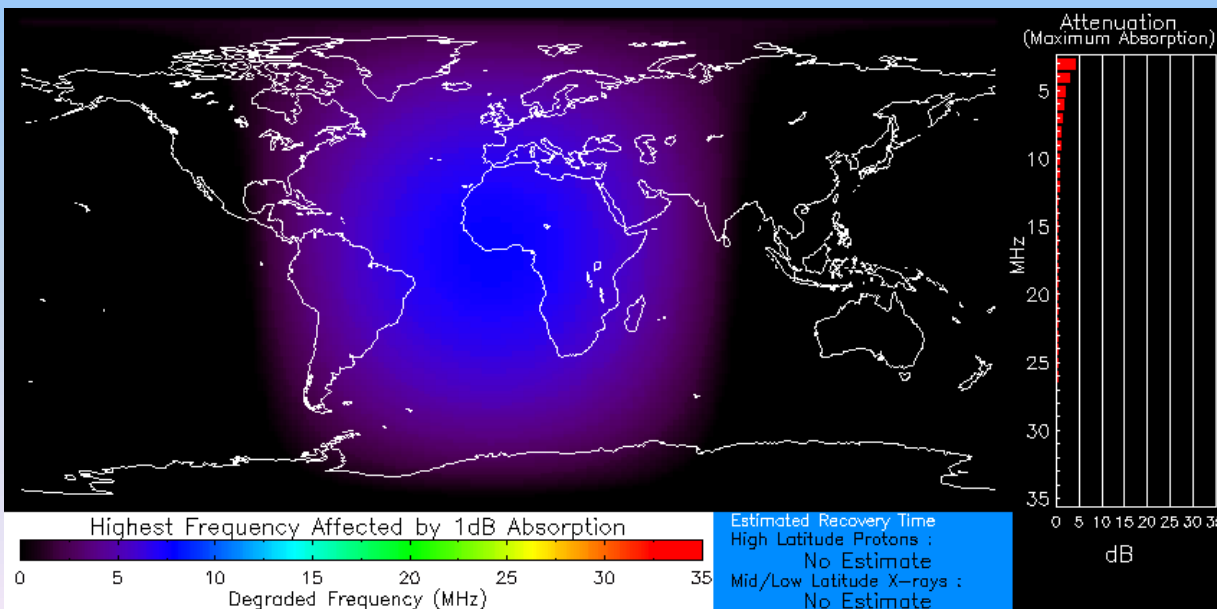
# Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Sunday	Monday	Tuesday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 2)
Solar Radiation Storm (S1-S5)	25%	15%	5%
Radio Blackout (R1-R2)	70%	25%	1%
Radio Blackout (R3-R5)	35%	5%	1%



Normal X-ray Background  
Product Valid At : 2017-09-10 12:23 UTC

Normal Proton Background  
NOAA/SWPC Boulder, CO USA



Information provided by:



**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

Phone: (682) 703-3747 **\*New Direct Number**  
E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)  
Web: <http://www.weather.gov/srh> (**NEW link!!**)

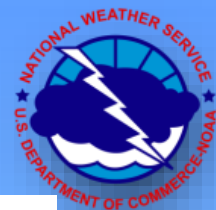
**facebook**

<https://www.facebook.com/NWSSouthern>

**twitter**

@NWS\_Southern\_US [https://twitter.com/NWS\\_Southern\\_US](https://twitter.com/NWS_Southern_US)

# The criteria for the color codes in our briefings is below, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>